95 FEB -5 PM 2: 49

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W.
Cuddihy

Serial No.: 08/447,974

Filing Date: May 23, 1995

For: Signal Processing Apparatus and
Methods

Group Art Unit: 2602/348

Examiner:

Assistant Commissioner of Patents
Washington D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

Serial No.	Filing Date	Patent No.
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached Form PTO-1449 were submitted to the PTO in U.S. Patent Application Serial No. 08/448,143, filed 23 May 1995. Therefore, no copies of the listed references are provided herewith.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MM/

Japanese Published Patent Application No. 60-61935 discloses a video recording procedure by which programs selected for recording from a table of programs on a recording card are stored to a memory which actuates a built-in recording timer. An English abstract of the patent is provided with the listed reference.

Japanese Published Patent Application No. 61-50470 discloses a program reserving device of a television receiver encompassing a control circuit displaying content of reservation and a means for supplying plural background pictures to a display pattern of reserved content and changing the background picture to the 1st and 2nd states depending on the state of the reserved input. An English abstract of the patent is provided with the listed reference.
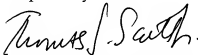
European Patent 0 133 985 discloses an automatic on-off switching device for a video recorder which responds to a label preceding the TV program to be recorded. An English abstract of the patent is provided with the listed reference.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Respectfully submitted,

Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: February 5, 1996

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
John C. Harvey and **James W. Cuddihy**	:	Examiner:
Serial No. 08/447,974	:	Group Unit: 2602
Filed 23-May-95	:	Atty Dkt: 5634.145
For **SIGNAL PROCESSING APPARATUS AND METHODS**		

COPENDING RELATED U.S. PATENT APPLICATIONS

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Listed below are copending U.S. patent applications related to this application.

Application No.	Filing Date	Atty. Dkt.
08/113,329	30-Aug-93	5634.008
08/397,371	2-March-95	5634.017
08/397,582	2-March-95	5634.010
08/397,636	2-March-95	5634.012
08/435,757	9-May-95	5634.036
08/435,758	9-May-95	5634.041
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08/437,629	9-May-95	5634.044
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08/437,819	9-May-95	5634.049
08/437,864	9-May-95	5634.038
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08/437,937	9-May-95	5634.048
08/438,011	9-May-95	5634.050
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MM/

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08/511,491	6-Jun-95	5634.274

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REMARKS

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants herewith submit a reference to all related copending U.S. Patent Applications now pending before the U.S. Patent and Trademark Office.

Respectfully submitted,

Thomas J. Scott

Date: <u>December 13, 1995</u>
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Information Disclosure Statement by Applicant	Attorney Docket No. 5634.145		Serial No. 08/447,974
	Applicant(s) John C. Harvey *and* James W. Cuddihy		
Title: **Signal Processing Apparatus and Method**	Filing Date May 23, 1995		Group 2602/348

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date[*]
	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,936,868	2/3/76	Thorpe	358/22	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	

Examiner /Michael Moore Jr/	Date Considered 02/23/2010

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MM/

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.145		Serial No. 08/447,974
	Applicant(s) John C. Harvey *and* James W. Cuddihy		
Title: **Signal Processing Apparatus and Method**	Filing Date May 23, 1995		Group 2602/348

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date*
	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,052,719	10/4/77	Hutt et al.	340/324	
	4,055,848	10/25/77	Fearnside	358/8	
	4,064,490	12/20/77	Nagel	364/200	
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Information Disclosure Statement by Applicant	Attorney Docket No. 5634.145	Serial No. 08/447,974
	Applicant(s) John C. Harvey *and* James W. Cuddihy	
Title: **Signal Processing Apparatus and Method**	Filing Date May 23, 1995	Group 2602/348

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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
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* - If pertinent
*** - Claims priority from patent application filed prior to Sept. 11, 1987

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